

Application No.: 09/470155

Case No.: 55235US002

Amendments to the Claims:

The following Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A bonding composition comprising a mixture of:
 - a) a melt-processable, substantially non-fluorinated thermoplastic polymer selected from the group consisting of functionalized polyolefins, polyamides, polyurethanes, and mixtures thereof; and
 - b) a catalyst system comprising base and from at least 0.5 to 1 weight percent crown ether based on the total weight of the composition mixed within said melt-processable, substantially non-fluorinated polymer.
2. (Canceled)
3. (Original) The composition of claim 1 wherein the base is a metal hydroxide, a metal aryloxide, a metal alkoxide, an organic base, or a mixture thereof.
4. (Original) The composition of claim 1 wherein the crown ether is an 18-crown-6 ether or a 15-crown-5 ether.
5. (Previously Presented) The composition of claim 1 wherein the functionalized polyolefin comprises one or more functional groups selected from the group consisting of imide, amide, oxycarbonyl, anhydride, acetate, carbonyl, and hydroxide groups.
6. (Original) The composition of claim 5 wherein the functional group is pendant from the polymer backbone.

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7. (Original) The composition of claim 3 wherein the metal hydroxide base is selected from the group consisting of lithium hydroxide, potassium hydroxide, sodium hydroxide, and mixtures thereof.

8. (Withdrawn) The composition of Claim 3 wherein the metal alkoxide base is selected from the group consisting of potassium methoxide, potassium ethoxide, sodium methoxide, sodium ethoxide, potassium phenoxide, sodium phenoxide, and mixtures thereof.

9. (Withdrawn) The composition of claim 3 wherein the organic base is selected from the group consisting of potassium phthalimide and sodium trimethylsilanoate.

10. (Original) The composition of claim 1 further comprising an organo-onium.

11. (Withdrawn) The composition of claim 1 wherein the melt-processable substantially non-fluorinated polymer is selected from the group consisting of functionalized polyolefins, polyurethanes, polyamides, polyimides, polyesters, and combinations thereof;

the base is selected from the group consisting of lithium hydroxide, potassium hydroxide, sodium hydroxide, potassium methoxide, potassium ethoxide, sodium methoxide, sodium ethoxide, potassium phenoxide, sodium phenoxide, potassium phthalimide, sodium trimethylsilanoate, and mixtures thereof; and

the crown ether is an 18-crown-6 ether.

Claims 12-28 (Canceled)